

MAY 28 2001  
U.S. PATENT AND TRADEMARK OFFICE *#3*

## INVENTORS:

Noah Syroid  
Dwayne R. Westenskow  
Julio C. Bermudez  
James Agutter  
David Lee Strayer  
Robert William Albert  
Michael E. Holmes  
Frank Dews *Dews*  
Hauke Prenzel

ASSIGNEE: University of Utah

SERIAL NUMBER: 09/686,263

DATE FILED: 10 October 2000

TITLE: METHOD AND APPARATUS FOR MONITORING  
ANESTHESIA DRUG DOSAGES, CONCENTRATIONS AND  
EFFECTS USING N-DIMENSIONAL REPRESENTATIONS OF  
CRITICAL FUNCTIONS

ATTORNEY DOCKET: 4314 P

Assistant Commissioner for Patents  
Box PATENT APPLICATION  
Washington, DC 20231

### DECLARATION FOR PATENT APPLICATION

Honorable Assistant Commissioner:

As the below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe that I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled **METHOD AND APPARATUS FOR MONITORING ANESTHESIA DRUG DOSAGES, CONCENTRATIONS AND EFFECTS USING N-DIMENSIONAL REPRESENTATIONS OF CRITICAL FUNCTIONS** the specification of which ~~is attached hereto~~ was filed *10/10/2000, app s/n 09/686,263*.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby appoint Lloyd W. Sadler (Reg. No. 40,154) and Daniel P. McCarthy (Reg. No. 36,600) as my representatives and attorneys or agents to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith. All communications should be directed to Mr. Sadler at the following address or telephone number:

**Lloyd W. Sadler  
MCCARTHY & SADLER, LC  
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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

**Full name of inventor:** Noah Syroid

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Full name of inventor: James Agutter

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**State:** \_\_\_\_\_

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Date: \_\_\_\_\_

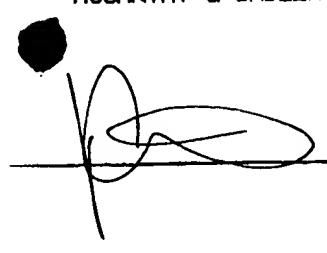
Full name of inventor: James Agutter

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Inventor's Signature: 

Date: 5/4/01

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Inventor's Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Full name of inventor: Robert William Albert

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Inventor's Signature: \_\_\_\_\_

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Inventor's Signature: 

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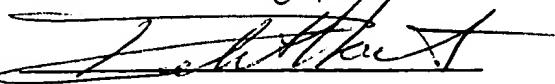
Full name of inventor: Robert William Albert

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Full name of inventor: Michael E. Holmes

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Inventor's Signature: Michael Holmes

Date: 10 May 01

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Full name of inventor: Haunke Prenzel

Full name of inventor: Michael E. Holmes

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Full name of inventor: Frank Dews *h*

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Inventor's Signature: Frank Dews

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Full name of inventor: Haunke Prenzel

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